

**REMARKS**

In the Office Action, claims 7-20 were rejected. By this response, claims 7, 8, 11, 19 and 20 have been amended. Upon entry of the amendments, claims 7-20 will remain pending in the present patent application. Reconsideration and allowance of all pending claims are requested.

**Claim Objections**

Claims 7-18 were objected to because of informalities, such as minor drafting errors, including grammatical and/or lack of antecedent basis problems. Applicants have amended claims 7, 8 and 11 to overcome the objections. Accordingly, Applicants request that the Examiner reconsider and remove the objections of claims 7, 8 and 11. Claims 9-10 and 12-18 are allowable by virtue of their dependency from allowable base claims 7 and 11 respectively, as well as for the subject matter they separately recite. Thus, it is respectfully requested that the objections of claims 7-18 be withdrawn.

**Rejections Under 35 U.S.C. § 101**

Claims 7-20 were rejected under 35 U.S.C 101 because the claimed invention is directed to non-statutory subject matter. Claims 7, 11, 19 and 20 have been amended to obviate the 35 U.S.C 101 rejection. As suggested by the Examiner, claims 7, 11 and 19 have been amended to include a final step of displaying the correction image. However, because the “improved CT image” displayed in Fig. 1 of the present patent application, refers to the “corrected image”, Applicants have amended claims 7, 11 and 19 to include a final step of displaying the “corrected image”. In addition, Applicants have amended claim 20 to include a final step of displaying an image created by the iterative image reconstruction process.

Claims 8-10 and 12-18 are allowable by virtue of their dependency from allowable base claims 7 and 11 respectively, as well as for the subject matter they separately recite. Thus, it is respectfully requested that the rejections of claims 7-20 under 35 U.S.C 101 be withdrawn.

**Conclusion**

In view of the remarks and amendments set forth above, Applicants respectfully request allowance of the pending claims. If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

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